

Abstract

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Title: Case study of physiotherapy treatment of a patient with diffuse axonal brain injury

Objective: The aim of this thesis is a summary of theoretical knowledge of diffuse axonal brain injury and a case study of physiotherapy treatment of a patient with diffuse axonal brain injury.

Methods: The thesis is divided into two parts – general (theoretical) and special (practical). Theoretical part is based on the research of professional literature and summarises the basic information about the problems of traumatic brain injuries including diffuse axonal brain injury. Practical part documents the process of rehabilitation of the patient with diffuse axonal brain injury during the continuous physiotherapy internship.

Results: The therapy reached the best results in the area of stability and gait, we managed to reduce tremor and improve taxis.

Key words: diffuse axonal brain injury, physiotherapy